INTERNATIONAL SEARCH REPORT

Internat Application No PCT/ 3/03173

A. CLASSIFICATION OF SUBJECT MAT

IPC 7	C10L1/02 C10L1/18 C10L1/14	nee'd PCT/PTO	21 JAN 20 <u>05</u>	
According to	International Patent Classification (IPC) or to both national classification	ation and IPC		
	SEARCHED			
IPC 7	cumentation searched (classification system followed by classification C10L	on symbols)		
Documentat	ion searched other than minimum documentation to the extent that s	uch documents are included in the fields	searched	
Electronic d	ata base consulted during the International search (name of data ba	se and, where practical, search terms use	ed)	
EPO-In	ternal			
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the rei	evant passages	Relevant to claim No.	
X	US 4 509 950 A (BAKER ALAN S) 9 April 1985 (1985-04-09) column 3, line 30 - line 61; tabl II,,III column 5, line 10 - line 30 column 5, line 48 - line 63; claf 1,12,14; examples 3-8		23-30, 36-45	
X	US 6 224 642 B1 (DALY DANIEL T E 1 May 2001 (2001-05-01) column 3, line 37 - line 6 column 5, line 44 -column 6, line column 7, line 21 -column 8, line claims 1,9	e 11	23-30, 36-45	
X Furt	her documents are listed in the continuation of box C.	χ Patent family members are liste	ed In annex.	
which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or combined with			ct with the application but e or theory underlying the e; the claimed invention cannot be considered to the document is taken alone e; the claimed invention e an inventive step when the e or more other such docu- e obvious to a person skilled patent family	
	actual completion of the international search	Date of mailing of the international s	search report	
	7 December 2003	14/01/2004		
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Bertrand, S		

Form PCT/ISA/210 (second sheet) (July 1992)

INTERNATIONALSEARCH REPORT

Internat .pplication No PCT/ 3/03173

0.40	TO DE DEL EVALE	1017 13/03173
Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	US 4 728 340 A (VOS BRON) 1 March 1988 (1988-03-01) column 1, line 45 -column 2, line 33 column 2, line 53 -column 3, line 12 column 4, line 57 -column 5, line 5; claims 1-4	23-30, 36-45
X	EP 0 874 039 A (LUBRIZOL CORP) 28 October 1998 (1998-10-28) page 2, line 13 - line 16 page 3, line 1 -page 4, line 12 page 4, line 58 -page 5, line 27; claim 1	23-30, 36-45
X	WO 02 02720 A (ASS OCTEL ;ARMSTRONG PETER (GB); REID JACQUELINE (GB); BREWER MARK) 10 January 2002 (2002-01-10) the whole document	23-30, 36-45
E	WO 03 078552 A (DALY DANIEL T ;LUBRIZOL CORP (US); CORKWELL KEITH C (US); JACKSON) 25 September 2003 (2003-09-25) page 8, line 16 -page 9, line 25 page 10, line 19 - line 22; claims 1,2,13; tables 2,4	23-30, 36-45



Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. 🗓	Claims Nos.: 1-22, 31-35, 46-48 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
з. 🔲	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This like	ernational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
з	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report Is restricted to the Invention first mentioned in the claims; it is covered by claims Nos.:
Remark	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-22, 31-35, 46-48

Present claims 1-22, 31-35 relate to an extremely large number of possible compositions. In fact, the claims contain so many options that a lack of clarity and conciseness within the meaning of Article 6 PCT arises to such an extent as to render a meaningful search of the claims impossible. Consequently, the search has been carried out for those parts of the application which do appear to be clear and concise), namely claims 23-30, 36-45.

Present claims 46-48 do not meet the requirements of clarity according to Article 6 PCT because they refer to the description

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

PCT/G 8/03173

Patent document cited in search report		Publication date		Patent family member(s)	1	Publication date
US 4509950	Α	09-04-1985	NONE			
US 6224642	B1	01-05-2001	AU	8007300		04-06-2001
			CA	2392357		31-05-2001
			EP	1244763		02-10-2002
			JP	_00001 is / 0	T	22-04-2003
			WO	0138462	A1 	31-05-2001
US 4728340	Α	01-03-1988	AT		T	15-06-1990
			ΑU		B2	12-10-1989
			AU	00,000.	Α	10-09-1987
			BR	.,	Α	29-12-1987
			CA	1309585	C	03-11-1992
			DE		D1	07-06-1990
			EP		A1	09-09-1987
			JP	2112065	C	21-11-1996
			JP	8032896	В	29-03-1996
			JP	62218490	Α	25-09-1987
			NZ	219482		29-05-1989
			PH	23520	Α	25-08-1989
EP 0874039	 A	 28-10-1998	EP	0874039	A1	28-10-1998
••••••			JP	10330769	Α	15-12-1998
WO 0202720	A	10-01-2002	 AU	6772601	Α	14-01-2002
			WO	0202720	A2	10-01-2002
			GB	2381789	Α	14-05-2003
			SE	0300005	Α	03-01-2003
WO 03078552	A	25-09-2003	WO	03078552	A2	25-09-2003